

AMENDMENT TO THE CLAIMS

A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listings of the claims in this patent application.

1 - 15. (Canceled)

16. (Currently Amended) A composition comprising synergistic anti-inflammatory effective amounts of a compound selected from the group consisting of dihydro-isohumulone, dihydro-isocohumulone, dihydro-isoadhumulone, tetrahydro-isohumulone, tetrahydro-isocohumulone, tetrahydro-isoadhumulone, hexahydro-isohumulone, hexahydro-isocohumulone and hexahydro-isoadhumulone ~~fraction derived from hops~~ and a curcuminoid, wherein said anti-inflammatory effective amounts have a combination index less than 1.0.

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Original) The composition of claim 16, wherein said curcuminoid is selected from curcumin, demethoxycurcumin, bisdemethoxycurcumin, cis-trans-curcumin and cyclocurcumin.

23. (Currently Amended) The composition of claim 16, wherein said compound ~~the fraction derived from hops~~ and the curcuminoid are in a ratio of about 100:1 to about 1:10.

24. (Original) The composition of claim 23, wherein the ratio is about 3:2.

25. (Canceled) The composition of claim 24, wherein the fraction isolated from hops is reduced isoalpha acid and the curcuminoid is curcumin.

26. (Currently Amended) The composition of claim 16, wherein the composition comprises about 0.5 to 10000 mg of said compound ~~fraction isolated or derived from hops~~.
27. (Currently Amended) The composition of claim 26, wherein the composition comprises about 50 to 7500 mg of the compound ~~the fraction isolated or derived from hops~~.
28. (Currently Amended) The composition of claim 16, wherein the composition comprises about 0.001 to 10 weight percent of the compound ~~the fraction isolated or derived from hops~~.
29. (Currently Amended) The composition of claim 28, wherein the composition comprises about 0.1 to 1 weight percent of the compound ~~the fraction isolated or derived from hops~~.
30. (Original) The composition of claim 16, wherein the composition further comprises a pharmaceutically acceptable carrier.
31. (Original) The composition of claim 16, wherein the composition is formulated for administration orally, topically, parenterally, or rectally.
32. (Currently Amended) A method of reducing inflammation, comprising administering a composition of any of claims ~~16-31~~ 16 or 22-31.